

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: TAKAHASHI et al. Conf.: UNASSIGNED
Appl. No.: NEW Group: UNASSIGNED
Filed: October 20, 2003 Examiner: UNASSIGNED
For: PROCESS FOR PRODUCING RETINOL AND
INTERMEDIATE COMPOUNDS FOR PRODUCING THE
SAME

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION WITH CONTINUATION-IN-PART OR
RULE 1.53(b) CONTINUATION OR DIVISIONAL APPLICATION)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

October 20, 2003

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449 form(s), attached hereto.

II. REFERENCES PREVIOUSLY CITED OR SUBMITTED

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 form(s) is requested since any patents, publications, or other information which are listed on the PTO-1449 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Appl. No(s).
09/978,691

U.S. Filing Date(s)
October 18, 2001

III. FEES

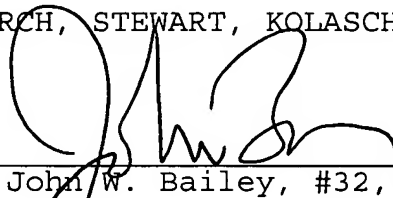
This Information Disclosure Statement is being filed concurrent with the filing of a continuation-in-part, continuation, or divisional patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By  _____
John W. Bailey, #32,881

JWB/enm
2185-0700P

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

Attachment(s) : ☒ PTO-1449(s)

☐ References

☐ Foreign Search Report

☐ Other:

(Rev. 09/30/03)

Form PTO-1449				ATTY. DOCKET NO. 2185-0700P		APPLICATION NO. NEW	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				APPLICANT TAKAHASHI et al.			
				FILING DATE October 20, 2003		GROUP UNASSIGNED	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 6,297,402		2001-10-02	Takahashi et al.			
	US 6,211,411		2001-04-03	Takahashi et al.			
	US 5,449,836		1995-09-12	Chabardes			
	US 5,053,552		1991-10-01	Mori et al.			
	US 4,947,001		1990-08-07	Onishi et al.			
	US 4,825,006		1989-04-25	Otera et al.			
	US 4,876,400		1989-10-24	Otera et al.			
	US 4,175,204		1979-11-20	Babler			
	US						
	US						

FOREIGN PATENT DOCUMENTS								
Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	EP0900785	A2	1999-03-10	EPO				
	EP1125921	A1	2001-08-22	EPO				
	EP1085008	A1	2001-03-21	EPO				

OTHER DOCUMENTS	
(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)	
	MERCIER et al., Pure & Appl. Chem., Vol. 66, No. 7, pp. 1509-1518, (1994).
	TORII et al., Chemistry Letters, pp. 479-482, (1975).
	UNEYAMA et al., Chemistry Letters, pp. 39-40, (1977).
	MANDAI et al., Tetrahedron Letters, Vol. 23, No. 45, pp. 4721-4724, (1982).
	MANCHAND et al., Helvetica Chimica Acta, Vol. 59, Fasc. 2, No. 44, pp. 387-396, (1976).
	YAMANO et al., J. Chem. Soc. Perkin Trans., No. 1, pp. 1599-1610, (1993).

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.